

Initial - September 26, 2003

APPLICATION DATA SHEET

INVENTOR INFORMATION

Inventor one given name:: Masahiko
Family name:: SOSHINO
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachiohta
Country of residence:: Japan
Citizenship Country:: Japan

Inventor two given name:: Takehiko
Family name:: KOWATARI
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Kashiwa
Country of residence:: Japan
Citizenship Country:: Japan

Inventor three given name:: Yuzo
Family name:: KADOMUKAI
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Ishioka
Country of residence:: Japan
Citizenship Country:: Japan

Initial - September 26, 2003

Inventor four given name:: Yuki
Family name:: EJIRI
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachinaka
Country of residence:: Japan
Citizenship Country:: Japan

Inventor five given name:: Kenji
Family name:: ONO
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Mito
Country of residence:: Japan
Citizenship Country:: Japan

Inventor six given name:: Yasuhiro
Family name:: KAMIMURA
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachinaka
Country of residence:: Japan
Citizenship Country:: Japan

Inventor seven given name:: Norihiro
Family name:: ISOZAKI
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group

Initial - September 26, 2003

Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachinaka
Country of residence:: Japan
Citizenship Country:: Japan

Inventor eight given name:: Eisuke
Family name:: WAYAMA
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachinaka
Country of residence:: Japan
Citizenship Country:: Japan

Inventor nine given name:: Hitoshi
Family name:: ANDOH
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo
State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachinaka
Country of residence:: Japan
Citizenship Country:: Japan

Inventor ten given name:: Yutaka
Family name:: TAKEUCHI
Postal address line one:: c/o Hitachi, Ltd., Intellectual Property Group
Postal address line two:: New Marunouchi Bldg. 5-1
Postal address line three:: Marunouchi 1-chome, Chiyoda-ku
City:: Tokyo

Initial - September 26, 2003

State or Province::
Country:: Japan
Postal or Zip Code:: 100-8220
City of residence:: Hitachinaka
Country of residence:: Japan
Citizenship Country:: Japan

CORRESPONDENCE INFORMATION

Correspondence customer number:: 23911

APPLICATION INFORMATION

Title line one:: THROTTLE VALVE OPENING AND
Title line two:: CLOSING DEVICE
Total drawing sheets:: 15
Formal drawings?: Yes
Application type:: Utility
Docket Number:: 056205.52757US

REPRESENTATIVE INFORMATION

Representative customer number:: 23911

CONTINUITY INFORMATION

This application is a:
Of application one:
Filing date:
Patent number::

PRIOR FOREIGN APPLICATION(S)

Foreign application one:: 2002-331115
Filing date:: November 14, 2002
Country:: Japan
Priority claimed:: Yes

Initial - September 26, 2003

Foreign application two::

2002-090193

Filing date::

March 28, 2002

Country::

Japan

Priority claimed::

No